

Graduate Research Environmental Fellowship

GREF Eligibility Requirements:

- U.S. citizenship required.
- Applicants must have completed at least one year of graduate school unless they have participated previously in the SURE program.
- Minority and female students are encouraged to apply.

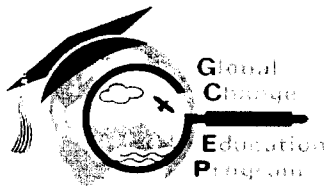
Application Guidelines: *(Applications will be available October 2, 2006 for the GREF program which begins the following September.)*

- Please check your application to make sure you have completed ALL sections, and keep a copy of the application and supporting documents for your files. You are responsible for checking with ORISE to determine whether your application file is complete.
- All parts of the application must be received at Oak Ridge Institute for Science and Education (ORISE) on or before **February 5, 2007**. Late or incomplete applications will NOT be reviewed for an award.
- The Global Change Education program reserves the right to limit the number of Graduate Research Environmental Fellows per academic institution (faculty advisor).
- **Transcripts:** You must provide an official transcript for each college/university or technical school attended. The date(s) when you received your undergraduate degree(s) must be shown on the appropriate transcript(s).
- **References:** References are **required** from your faculty advisor, Department of Energy research mentor, and either a professor or employer. References may be: (1) a printed copy sent directly to ORISE; (2) an e-mail attachment from an institutional e-mail address sent to gcep@orau.gov; or (3) a sealed envelope with appropriate identification on the sealed side of the envelope. References must be received at ORISE on or before **February 12, 2007**.
- **Research Proposal:** Click [here](#) for detailed information.

If you have questions about the application process, you may contact Dr. Jeffrey Gaffney, Chief Scientist, University of Arkansas at Little Rock at jsgaffney@ualr.edu or (501) 569-8840; Dr. Nancy Marley, Assistant Chief Scientist, University of Arkansas at Little Rock at namarley@ualr.edu or (501) 569-8844; or Dr. Milton Constantin, Program Manager, Oak Ridge Institute for Science and Education at milton.constantin@orau.org or (865) 576-7009.

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**Graduate
Research
Environmental
Fellowship**

RESEARCH PROPOSAL INSTRUCTIONS

- Use the following specified format for Graduate Research Environmental Fellowship (GREF) research proposals. Using one-inch margins, the proposal text should not exceed five pages (excluding the title page and references). **The completed proposal must be received on or before February 5, 2007.**
- If you have questions, contact: Dr. Jeffrey Gaffney at (501) 569-8840 or jsgaffney@ualr.edu; or Dr. Milton Constantin, (865) 576-7009 or milton.constantin@orau.org.
- The proposal should include a **title page** with the following information:

<p>Global Change Education GREF Research Proposal - 2007</p> <p>Title of Proposal</p> <p>Your Name Address Telephone Number E-mail Address</p> <p>Your Graduate School (College or University) Graduate School Address</p> <p>Faculty Advisor Advisor's Institution Advisor's Telephone Number Advisor's E-mail Address</p> <p>DOE Mentor Mentor's Affiliation (National Laboratory or Other Global Change Research Institution) Mentor's Telephone Number Mentor's E-mail Address</p>
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- The following **sections** should be included:

Abstract: The abstract should be a short, concise description of the research area and the project to be pursued in the student's doctoral research.

Background: Provide a brief introduction and history of the research area to be addressed and its importance to global change research. Establish the connection

between the research area and the current DOE Office of Biological and Environmental Research (DOE-OBER) Global Change Research efforts. Identify the specific DOE-OBER program(s) that the research would support: Atmospheric Science Program (ASP), Atmospheric Radiation Measurement (ARM) Program, Terrestrial Carbon Program (TCP), etc. Define the problem to be addressed.

Objectives: Give the basic reasons for the research. Outline and describe the specific aspects of the research problem to be studied.

Approach: Briefly describe the methods to be used to perform the research, but with sufficient detail to demonstrate a sound understanding of the topic area and the appropriateness of the methods to be used to attack the research problem.

Mentors for GREF Project: Briefly describe the backgrounds and expertise of both the DOE and graduate school mentors. Specify the current program and the project title under which the mentor at the DOE National Laboratory or Global Change Research Institution is currently funded by DOE-OBER.

References: Identify references by placing a superscript numeral at the end of the sentence in which the reference is cited. List literature citations in the following general format:

1. J.S. Gaffney and N.S. Marley, Uncertainties in Climate Change Predictions: Aerosol Effects. *Atmospheric Environment*, **32**, 2873-2874 (1998).